SANTO 7380KG
SANTO 7388KG

Fridge Freezer

Operating and Installation Instructions

Congratulations on the purchase of your new refrigerator. With proper care, it will provide you with many years of dependable operation. Please read this Use and Care manual completely before operating your refrigerator. It contains the necessary information to ensure safe, efficient operation. Please note the model number and serial number located on the inside of your refrigerator. If a problem arises, both of these numbers will be required to obtain service.

Safety

⚠ **WARNING** -For your own safety, read the following instructions before operating your refrigerator. Failure to follow these instructions may result in personal injury.

- Destroy or recycle the carton, staples and any plastic packing materials after the refrigerator is unpacked. Cartons and plastics are potential safety hazards to small children.
- Remove the door from your old refrigerator before disposing of it.
- Never disconnect the refrigerator by pulling on the service cord. Firmly grip plug at electrical outlet and pull.
- To avoid electrical shock, disconnect the refrigerator prior to cleaning or changing a light bulb, or removing rear access cover. Turning the interior control to "0" will NOT disconnect the power supply.
- Do not store flammable liquids near any appliance. Do not operate the refrigerator in the presence of explosive fumes.
- If your refrigerator has an automatic ice maker, avoid contact with moving parts.

Electrical Information

⚠ **WARNING:** Failure to follow these warnings may result in electric shock or injury. Check serial plate for voltage and cycle information.
220 - 240 Volt, 50/60 Hz

⚠ **WARNING:** If this does not match your electrical requirements, contact your dealer immediately. Operating a refrigerator on an incorrect power supply can damage the compressor. Be sure the refrigerator is properly grounded. The service cord of the refrigerator is equipped with a grounding terminal. It must be plugged directly into a properly grounded receptacle. If you do not have a properly grounded receptacle, it must be replaced in accordance with local codes and ordinances. The work must be done by a qualified electrician.

WALL CIRCUIT BREAKER RATING:
220 - 240 V, 50/60 Hz = 7.5 A

⚠ **CAUTION:**

- If the service cord is damaged, it must be replaced by a special cord or assembly available from your authorized dealer.
- Do not use an adaptor.
- Do not use an extension cord.
- Do not remove or cut grounding prong.
- Do not pinch, knot, or bend the power cord.

⚠ **CAUTION**

- Performance may be affected if the voltage varies by 10% or more. Operating the refrigerator with insufficient power can damage the compressor. Such damage is not covered under your warranty.
- Do not plug the unit into an outlet controlled by a wall switch or pull cord to prevent the refrigerator from being turned off accidentally.

Installation

Installation

The refrigerator should be located away from direct sunlight and heat sources such as registers, radiators or any cooking products.

In accordance with ISO standards, your refrigerator is performance rated at Class N, 16°C to 32°C (61°F to 90°F) or at Class ST, 18°C to 38°C (65°F to 100°F). Internal temperatures may be affected by such factors as its location, ambient temperature, and the frequency of door openings.

Allow space around the unit for good air circulation. Allow a 25mm (1 inch) space behind and a 10mm (3/8 inch) space above the refrigerator for adequate ventilation.

In a recessed installation, allow an extra 10 - 15 mm (½ inch) on each side for ease of installation. If the side of the unit will be placed against a wall, allow 13 mm (½ inch) space for proper door opening.

TIPS:

- Proper air circulation and leveling will assure efficient operation of your refrigerator.
- Do not use an extension cord.
- If refrigerator has an ice maker, locate it near a water supply.
- Remove all packing materials and tape.
- Wash interior with a mild soap and warm water.
- Do not use a razor blade or knife to remove tape.

TO ADJUST THE FRONT ROLLERS

1. Open both doors.
2. Remove the toe grille by pulling it straight out.
3. Adjust the rollers by turning each roller adjusting bolt with a wrench until the refrigerator is level and stable. The rear rollers are not adjustable.
4. Check both doors to ensure that the seals touch the cabinet on all sides.
5. Replace the toe grille by lining up the retainers with the holes and pushing the grille straight on.

TIPS:

- If the freezer door is higher than the refrigerator door, raise the right corner and/or lower the left corner until the doors align across the top of the cabinet.
- If the refrigerator door is higher than the freezer door, raise the left corner and/or lower the right corner until doors align across the top of the cabinet.

Operation

Before starting the refrigerator, follow these important steps:

- Insert the power cord into a properly grounded electrical receptacle. DO NOT use an extension cord or an adaptor.
- If your refrigerator is equipped with an automatic ice maker, see section **"AUTOMATIC ICE MAKER"** for starting procedure.
- Set the controls at midpoint at start up. See section **"TEMPERATURE CONTROLS"** if adjustments are desired.
- To ensure safe food storage, allow the refrigerator to operate with doors closed for at least 8 hours before loading with food.
- To maintain temperatures, a fan circulates air in the refrigerator and freezer compartments. Do not block air vents with food items.

When taking the refrigerator out of service for a period of time:

- Remove all food and ice. Turn the controls to the "O" position and disconnect the service cord.
- If equipped with an ice maker, raise the signal arm to its locked position (see Figure 1) and turn off the water supply at its valve.

NOTE: When placing the refrigerator back into service, leave ice maker off until water supply is turned on.

Operation

- Clean the interior thoroughly.
- Leave both doors open to prevent odor and mold build-up.

Temperature Controls

REFRIGERATOR CONTROLS

The refrigerator controls should be set at midpoint of the dial for a period of 24 hours. After 24 hours, adjust the control if needed. To obtain a COLDER temperature, turn the knob clockwise to a higher number. To obtain a WARMER temperature, turn the knob counterclockwise to a lower number. Note that storage temperatures may be affected by room temperature.

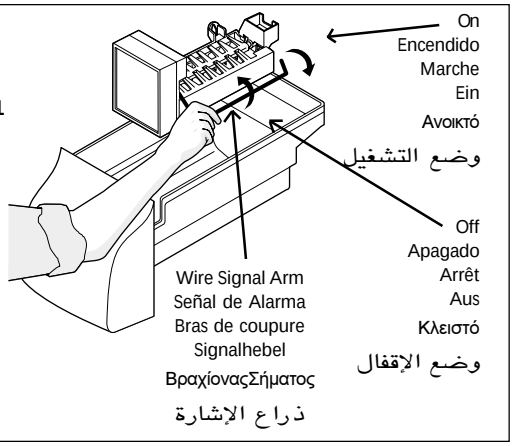
FREEZER CONTROLS

The freezer controls are located inside the freezer compartment. The freezer should be set at midpoint for a period of 24 hours. After 24 hours, adjust the control if needed.To obtain a COLDER temperature, turn the knob clockwise to a higher number. To obtain a WARMER temperature, turn the knob counterclockwise to a lower number.

IMPORTANT TIPS

- Turning the freezer control to "0" will shut down cooling in BOTH the refrigerator and the freezer compartments.
- When first setting the controls or when changing a setting, wait 24 hours for the temperature to stabilize before making more changes.
- A change in the control setting in the freezer compartment will affect the temperature in BOTH the freezer and the refrigerator compartment.

Figure 1
Figura 1
Figure 1
Abbildung 1
Σχήμα 1
شكل ١



Ice & Water Dispenser

Ice & Water Dispenser

AUTOMATIC ICE & WATER DISPENSER (some models)

The ice and water dispenser on the freezer door conveniently dispenses chilled water and ice. To operate the dispenser, select the ice option desired using the touch pad, and press a glass against the dispensing arm. To stop dispensing, pull glass away from dispensing arm. When dispensing ice, release dispensing arm before the glass is full. Allow ice chute to clear or water to stop before removing glass.

A drip tray located beneath the dispenser catches and evaporates small spills. This drip tray is removable and dishwasher safe. It is NOT a drain, DO NOT pour water directly into this area.

LOCK OUT FEATURE (some models)

The Ice & Water Dispensing System can be locked out to prevent unwanted use.

To Lock Out - Press the "Padlock" pad for 3-5 seconds. A RED light will appear above the Padlock.

To Unlock - Press the "Padlock" pad for 3-5 seconds until the RED light above the Padlock goes out.

ICE MAKER OPERATION

The ice maker is located behind the baffle in the top of the freezer. The wire signal arm may be raised up and locked in the "OFF" position to stop ice maker operation (see Figure 2). When the freezer temperature is cold, the ice maker can be started by lowering the wire signal arm to its "ON" position.

WATER CONNECTION:

⚠ **CAUTION:** Ensure that the ice maker water supply tube is connected to a safe (potable) water pipe only.

⚠ **CAUTION:** Water supply must have a minimum pressure of 1.4 bars (20 psi) and a maximum pressure of 6.9 bars (100 psi).

DISPENSER LIGHT (SOME MODELS)

The light can be turned on and off by pressing the light touchpad. The light will illuminate the entire dispenser area. The light also turns on automatically when the ice and/or water is dispensed. If bulb replacement is necessary, use an E14, 7 watt appliance bulb.

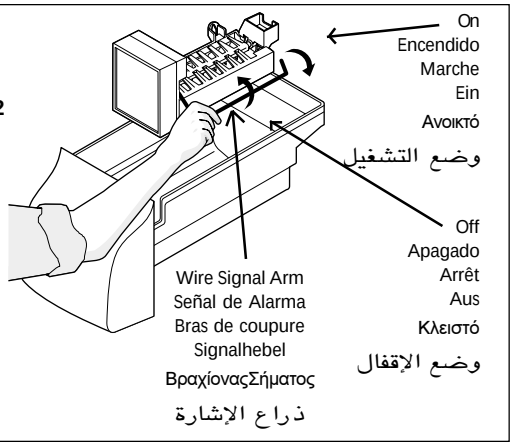
OPERATION OF WATER DISPENSER

A water tank is located at the back of the refrigerator compartment and holds about 0.7 liters (24 oz.) of water. As the water is dispensed, the tank is automatically refilled. When first installing the refrigerator, draw and discard one glass of water. This action will fill the tank and should take about 1½ minutes. Continue to draw and discard 7 more glasses of water to ensure that all plumbing connections have been rinsed of any impurities.

To ensure fresh tasting water, it is suggested that the water dispenser be used every day. If water supply is not used for more than one week, flush the tank as specified above.

NOTE: The water delivery system has a built-in shutoff device that will stop thewater flow after 3 minutes of continuous use. To RESET the dispensing mechanism, release the acuator button.

Figure 2
Figura 2
Figure 2
Abbildung 2
Σχήμα 2
شكل ٢



Ice & Water Filter

(some models)

This ice and water filter system, filters water to your ice maker and water dispenser. It is located in the upper right back corner of the fresh food compartment (see Figure 3).

SYSTEM STARTUP:

Water supply does not need to be turned off. However, DO NOT use ice and water dispenser while installing filter. Refer to Figure 3 as you complete these instructions.

The filter cartridge has already been installed in the filter housing at the factory. Refer to the "**ICE AND WATER DISPENSER**" Section to properly fill the system with water.

CHANGING THE FILTER:

Water quality varies throughout the world. To ensure the highest possible water quality, change the filter every 6 months or 1514 liters. The Filter Status light will rurn RED aftre 1514 liters of water has flowed through the ice and water dispenser. Also, if filter has been in a refrigerator that has not been in use for awhile (during moving for example), change filter before reinstalling refrigerator.

NOTE: Dispenser system will also operate without filtration (with filter cartridge removed).

CHANGE WATER FILTER INDICATOR (some models)

The **Change Filter Indicator Light** will light up each time the dispenser is used. The following Filter Light Indications are:

- ***Green*** - the filter is still operating within its specified cycle.
- ***Amber*** - The filter has reached approximately 80% of its useful life. This is the recommended time to purchase a replacement filter cartridge.
- ***Red*** - The filter is 100% used up. Change the filter as soon as possible.

After the filter cartridge has been changed, press and hold the ***"Filter Light Reset"*** indicator for the amount oft ime indicatd below. If the filter indicator was:

- Red - Press for 3 - 5 seconds to RESET
- Amber - Press for 3 - 5 seconds to RESET
- Green - Press for 10 - 12 seconds to RESET

NOTE: The ***Green*** light will flash when RESET is completed.

(continued)

Ice & Water Filter

continued

TO CHANGE REAR FILTER: (some models)

Refer to Figure 3 as needed. It is not necessary to turn the water supply off to change filter.

1. Set ice maker lever (wire signal arm) to the OFF (up) position.
2. Hold filter cup firmly, and unscrew counterclockwise (Figure 3).
   NOTE: Some water could leak out as you remove cup. This is normal. Filter cartridge should come down with cup. If cartridge remains in housing, pull down gently, while twisting filter back and forth.
3. Empty cup of any substance.
4. The large o-ring (Figure 3) that seals the filter system sets in the o-ring groove down inside the cup. Should the o-ring fall out during filter cartridge replacement, simply place it back in the groove prior to screwing the cup back in place.
5. Remove new filter cartridge from packaging, and install.

(continued)

Ice & Water Filter

continued

6. Place filter cartridge in cup. The end with the small o-ring should be up, out of the cup.
7. Screw cup, with filter, back into housing. Filter cartridge will self-align as cup is tightened. Ensure that cup is completely tightened, with the words "Twist To Remove" facing outward. DO NOT TIGHTEN PAST STOP.
8. Set ice maker lever to the ON (down) position.
9. Check for leaks. Open refrigerator door. Wipe any water drops from filter cup. Run a glass of water. If there is a leak, unscrew filter cup, and reinsert filter cartridge. Check placement of large O-ring (see directions following). Reinstall filter cup.
10. To condition filter system and purge air from water line, run several glasses of water through water dispenser. This will also assure that the purest water possible is stored in water tank.

Resetting The Filter Indicator (some models)

After replacing the filter carttridge, it will be necessary to press the *Filter Reset* touchpad located on the ice and water dispenser. This will reset the Change Filter Indicator. Push the reset button until the green light flashes (3-15 seconds).

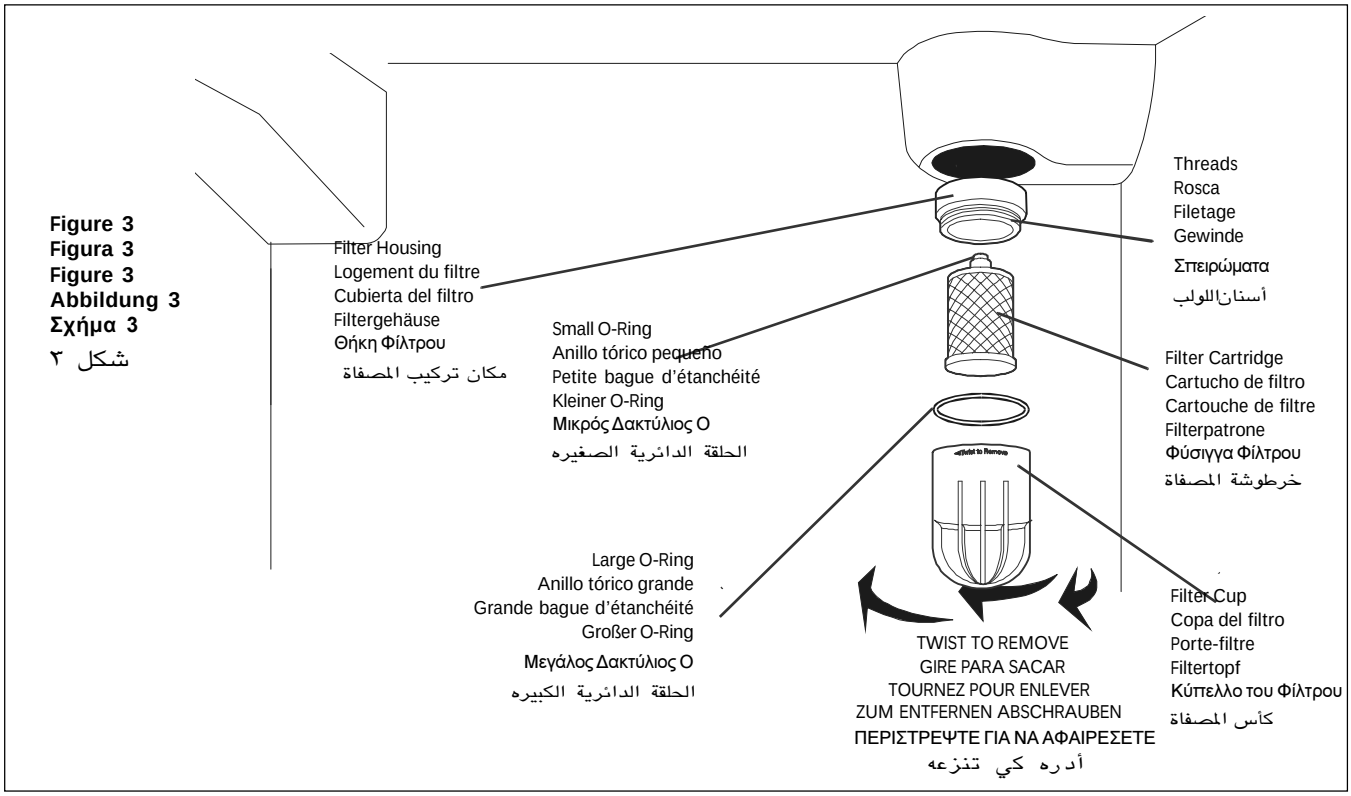


Figure 3
Figura 3
Figure 3
Abbildung 3
Σχήμα 3
شكل ٣

Ice & Water Filter

continued

TO CHANGE FRONT FILTER: (some models)
Refer to Figure 4 as needed. It is not necessary to turn the water supply off to change filter.

1. Set ice maker lever (wire signal arm) to the OFF (up) position.
2. Push the Filter Release Button, located to the right of the filtre cartridge, to release the filter from the housing. **NOTE:** A small amount of water may be releasedduring this operation. To minimize the possibility of the filter falling out of the housing during removal, it would be best to hold the filter as it moves out toward you.
3. Pull the old filter cartridge straight out of the housing.
4. Discard the old filter.
5. Replace new cartridge, installing the same way as the old one came out.
6. When the cartridge is almost in, you will feel it stop against the clip assembly in the back of the housing. The clip assembly holds the filter cartridge firmly in place. At this point, you will need to push firmly until the cartridge snaps fully in place. When completely in place, the front of the filter cartridge will be flush with the front of the housing.
7. Set the ice maker wire signal arm to the ON (down) position.
8. Check for leaks. Fill a glass with water. There will be noticable spurts and sputters as the system pushes the air out through the system and out the dispenser nozzle. This is normal.
9. After you have run one glass of water, continue to flush the system for approximately 3 minutes.

Resetting The Filter Status Light
(some models)
After replacing the filter cartridge, it will be necessary to press the Filter Reset touchpad located on the ice and water dispenser. This will reset the Change Filter Indicator. Push the reset button until the green light flashes (3-15 seconds).

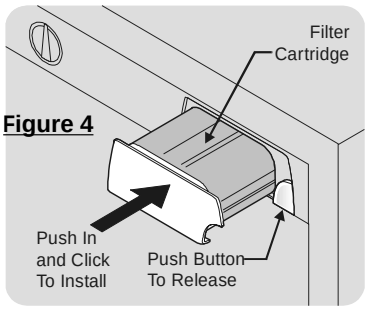


Figure 4

Automatic Ice Maker

OPERATION OF AUTOMATIC ICE MAKER (Some Models)
If your refrigerator has an automatic ice maker, it will provide a continuous supply of ice. If not factory installed, the ice maker can be purchased as an accessory kit from your dealer.

220-240V, 50/60 Hz models use ice maker kit number IM220. **This ice maker kit must be installed by a qualified technician only.**

⚠ **CAUTION:** Ensure that the ice maker water supply tube is connected to a safe (potable) water pipe only.

⚠ **CAUTION:** Water supply must have minimum pressure of 1.4 bars (20 psi) and maximum water pressure of 6.9 bars (100 psi).

Place the ice container under the ice maker. Lower the wire signal arm to the DOWN position. When the freezer is cold, ice making will begin. To stop ice maker, lift the wire signal arm until it clicks in and locks in the UP position. It is not necessary to stop the ice maker when the ice server is full. The ice maker will automatically shut itself off when the ice level reaches a certain point in the server.

Due to new plumbing connections, the first production of ice from your ice maker may be discolored or have an odd taste. Please discard.

If the dispensing paddle is pushed for more than 4 minutes, the dispenser motor may overload and stop. The overload protector will reset automatically after 3 or 4 minutes.

Food Storage

FRESH FOOD SECTION

SHELVES
Your refrigerator has the convenience of shelves and storage compartments for a variety of foods and snacks. Refrigerator shelves can be easily adjusted to suit your storage needs. Cantilever shelves are supported at the back of the refrigerator. To remove, lift the shelf up and out. Replace shelf by inserting hooks at the rear into the slots. Lower and lock into position.

CRISPER
Crisper is located under the bottom shelf, and is used for storing fresh fruit and vegetables. Vegetables should be washed and drained before being placed into the crisper. A variable humidity control, available on some models, allows you to adjust the storage environment in the crisper.

CHILLED MEAT KEEPER (Some Models)
The meat keeper storage drawer has an adjustable cold air feature. To obtain the coldest temperature, slide the control to its "coldest" position. Use this pan for short term storage of bulk meat items. If meats are to be kept longer than one or two days, they should be frozen. (See Figure 6.)

WINE RACK (Some Models)
The wine rack stores bottles of wine, or 2-liter plastic bottles of juice or soda pop. To install, slide the wine rack onto the shelf with the curve facing in. To remove, slide the wine rack out. Install on either side of a Spillsafe™ shelf (See Figure 5a).

TALL BOTTLE RETAINER (Some Models)
See Figure 5b.

(continued)

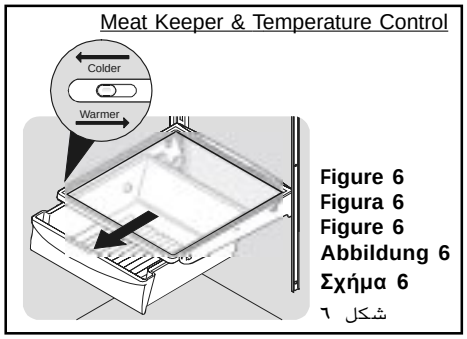


Figure 6
Figura 6
Figure 6
Abbildung 6
Σχήμα 6
شكل ٦

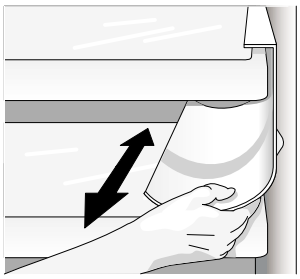


Figure 5a
Figura 5a
Figure 5a
Abb. 5a
Σχήμα 5a
شكل ٥

Wine Rack
Anaquel para botellas
Porte-bouteilles
Flaschenregal
Βάση Στήριξης για Μπουκάλια Κρασιού
حافظ

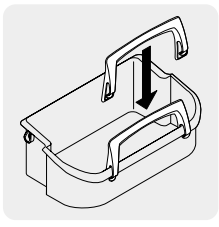


Figure 5b
Figura 5b
Figure 5b
Abbildung 5b
Σχήμα 5b
شكل ٦

Tall Bottle Retainer
Anaquel Para Botellas Altas
Halter Für Große Flaschen
Support Pour Les Grandes Bouteilles
ΕΞΑΡΤΗΜΑ ΣΥΓΚΡΑΤΗΣΗΣ ΨΗΛΩΝ ΜΠΟΥΚΑΛΙΩΝ
حافظ القوارير الطويلة

Food Storage

continued

FROZEN FOOD SECTION
Maximum storage time can be attained by use of plastic wrap to prevent drying of foods. The coldest storage area is the main freezer compartment. Door shelves are intended for shorter term storage items such as juices, pastries, and prepared foods.

Do not exceed the storage times specified by the manufacturers of commercially frozen and processed foods. Follow package instructions.

Do not place effervescent drinks in the frozen food storage section as bursting and personal injury may result. Also for personal safety, note that some products such as water ices should not be consumed too cold.

IN THE EVENT OF POWER FAILURE
Fresh Food Section - Keep door openings to a minimum to prevent loss of cold air. Normally, depending on the surrounding temperature, foods will not deteriorate for up to 12 hours.

Frozen Food Section - To prevent introduction of heat, do not open freezer door. Normally, foods will not begin to thaw out for up to 6 hours. **Foods that have thawed should not be refrozen.** However, if freshly thawed, foods may be immediately cooked or processed for consumption.

When the refrigerator resumes operation, carefully check for food deterioration and discard any affected food.

Clean and dry interior surfaces.

Care and Cleaning

It is important to keep your refrigerator clean to prevent bacteria and odor from forming.

Remove all food and disconnect the power source before cleaning the interior compartment.

Always disconnect the service cord from wall before cleaning the refrigerator. Turning the interior controls to "0" will not disconnect the power supply.

Failure to disconnect the power supply may result in electrical shock and personal injury.

Do not use metallic scouring pads, brushes, abrasive cleaners, or alkaline solutions to clean the refrigerator. Use a sponge or soft cloth.

Do not wash removable parts in a dishwasher.

Damp objects stick to frozen surfaces. Do not touch frozen surfaces with wet hands.

Do not use flammable or toxic cleaning materials.

(continued)

Care and Cleaning

continued

INSIDE

Wash the inside of the refrigerator and freezer with a mild household cleaner or a solution of 2 tablespoons of baking soda in 1 liter of warm water. Rinse and dry.

Avoid getting water inside electrical parts such as the temperature controls or the light fixtures.

Wash removable parts, storage bins and door gaskets in a mild household detergent and warm water. Rinse and dry.

OUTSIDE

Wash cabinet with warm water and a mild liquid detergent. Rinse well and wipe with a clean soft cloth.

To prevent damage to your floor when moving the refrigerator, place a mat or rug under the front levelers or rollers.

CONDENSER CLEANING

Since your refrigerator is equipped with a *Never Clean* condenser, there's no need to clean the condenser under normal operating conditions. If the refrigerator is operated under particularly dusty or greasy conditions, or if there is significant pet traffic in your home, it may be necessary to periodically clean the condenser for maximum efficiency.

If cleaning of the condenser is necessary, remove the toe grille and use an extended vacuum attachment and condenser cleaning brush (available from your local dealer) to remove dust build-up from the condenser coils.

(continued)

Care & Cleaning

continued

CARE AND CLEANING OF ICE DISPENSER:

Clean the dispenser and storage bin periodically:

1. Stop ice production (raise signal arm).
2. Remove storage bin. Empty and clean with mild detergent and warm water. DO NOT submerge bin in water or use abrasive cleaners.
3. Remove ice chips, clean the shelf and ice chute.
4. Replace storage bin.
5. Begin ice production again (lower signal arm).

Plan to remove the ice storage bin from the freezer if:

1. A power failure of 1 hour or more causes ice remaining in machine to melt and then freeze together causing the ice making mechanism to jam when the power resumes.
2. The ice maker is not used frequently.

CAUTION - DO NOT put fingers up ice chute. Surfaces may be sharp.

DO NOT rotate the auger when replacing the ice bin. To realign auger, rotate it in 90° turns until ice bin fits into place with driver mechanism.

Hot or Humid Climates

HOT OR HUMID CLIMATES

If you are operating your refrigerator in a hot or humid climate it is important to follow these tips.

- NEVER store uncovered liquids or food in the refrigerator compartment. This causes excessive moisture to enter the evaporator area and may hamper operation.
- Ensure that the refrigerator door is closed and sealed. Remove any objects that might prevent the door fromclosing completely.
- Warm temperatures and high humidity affect the way your refrigerator operates. Refer to the " **TEMPERATURE CONTROLS"** section for details on how to set the controls.
- Keep the refrigerator door gasket dry. Stagnant water can cause mildew to grow.
- DO NOT install the refrigerator outside on a porch or balcony where it is subjected to the weather.
- A fan circulates air in the freezer and refrigerator compartments. For proper cooling and air circulation, DO NOT block the air vents.

Door Removal

Door Removal

continued

If it is necessary to move the refrigerator through narrow doorways, follow these steps to remove the refrigerator and freezer doors.

Before removing doors, ensure that the freezer control is turned to OFF. Remove all food from doors and unplug refrigerator.

IMPORTANT: Trace around the hinges with a soft lead pencil. This will make it easier to realign the doors when they are replaced.

Completely remove one door before starting removal of the other.

TO REMOVE FREEZER DOOR:

1. Disconnect water line at lower hinge on freezer door: grip water tube firmly in one hand, then with 3/8" wrencn, push in on gray collar to release water connector.
2. Remove top hinge cover screw on freezer door and remove cover.
3. Disconnect wiring harness connector plug at top hinge: place your thumbs on flat side of each connector and bend both parts back and forth, then with firm grip, pull both pieces apart.
4. Trace around hinge with soft lead pencil. This will make it easier to realign doors when they are replaced.
5. Remove top hinge and lift freezer door off od bottom hinge pin. Set door aside.
6. Remove bottom hinge, if necessary.
7. Reverse this procedure to reinstall freezer door.

TO REINSTALL FREEZER DOOR

8. To reinstall water line connector, push tube firmly into connector until connector touches the black mark on the tube and stops. (See Figure 7.)

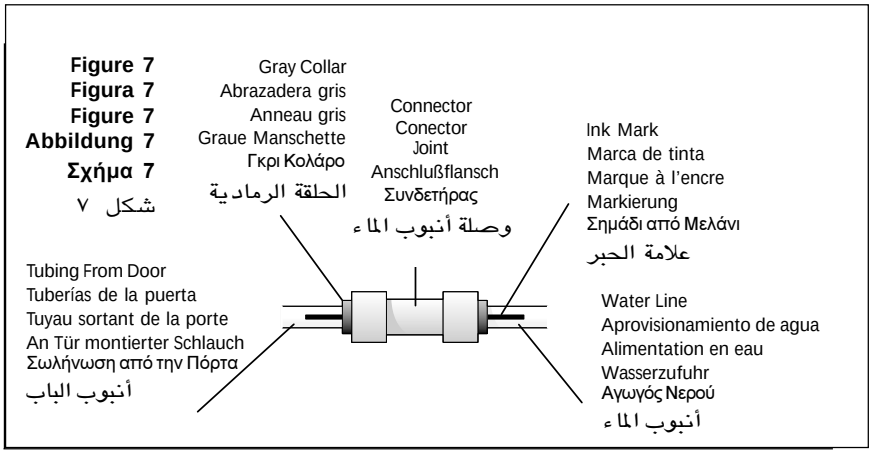
⚠ **WARNING: This step is critical to ensure that water line does not leak.**

(continued)

TO REMOVE REFRIGERATOR DOOR:

1. Remove top hinge cover screw on refrigerator door and remove cover.
2. Trace around hinge with soft lead pencil. This will make it easier to realign doors when they are replaced.
3. Remove top hinge and lift refrigerator door off bottom hinge pin. Set door aside.
4. Remove bottom hinge, if necessary.
5. Reverse this procedure to reinstall refrigerator door.

When both doors have been reinstalled, replace toe grille and plug in electrical power cord. Turn both temperature controls to centre position. Adjust settings as necessary.



Service

TIPS TO AVOID A SERVICE CALL

You may be able to save a service call by checking the following possible causes FIRST:

1. Ensure that the freezer control knob is at midpoint, not zero.
2. Ensure that the house fuse is not blown or a circuit breaker is not tripped.
3. Ensure that the service cord plug has not been removed or loosened from the wall outlet.
4. Ensure that air circulation in the cabinet is not blocked by overcrowded shelves or by paper or other covering on the shelves.
5. Outside temperatures can affect how your refrigerator operates. Refer to the **"TEMPERATURE CONTROL"** Section of this manual.
6. A vibrating or rattling noise indicates your refrigerator may not be leveled properly.
7. If the doors are opened too frequently or for too long, temperatures will be affected.

If you cannot locate the cause of the trouble, call your authorized service dealer. When calling for service, always give your model and serial number.

REPLACING THE LIGHT BULB

To replace the light bulb in the refrigerator compartment:

1. Disconnect the service cord.
2. Use a cloth or gloves to protect against possible broken glass.
3. Remove light cover.
4. Unscrew old bulb and replace with an A15, E27, or an A19, E27, 40 watt appliance bulb.
5. Replace light cover.